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ABSTRACT

The present invention provides a simple, practical, and industrially advantageous process for producing an optically
5 active α -substituted cysteine or a salt thereof from inexpensive and readily available materials.

The present invention provides a process for producing an optically active α -substituted cysteine or a salt thereof by converting a cysteine derivative into a thiazoline
10 compound and subjecting the resulting thiazoline compound to a stereoselective substituent-introducing reaction catalyzed by an optically active quaternary ammonium salt, in particular, an axially asymmetric quaternary ammonium salt
to produce an optically active thiazoline compound and then
15 hydrolyzing the resulting thiazoline compound.